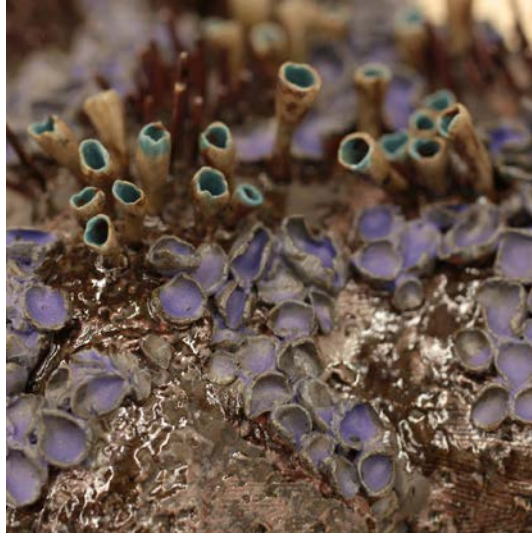




Artist Technical Statement

Courtney Diedrich

Over the course of this semester I focused on two processes, incorporating a new building technique and testing reduction glazes.



Building:

My technique for building the three separate parts (lichen, spikes, and spores) was different for each one:

Lichen: the clay wetness was important in making these, I would break apart a small 2" ball of clay into chunks of clay the size $\frac{1}{4}$ " or smaller. Too wet and the clay would want to stick to the wooden tool I used, too dry and it would crumble. Using a wooden tool that had a rounded ball on one end I would use my finger to wrap the clay around and then pull it off. In their wet state they are hard to work with so I attached them when they were bone dry, slipping and scoring the surface of the piece that I was attaching them to.

Spikes: the most forward of all the components, I just rolled miniscule coils with my pointer finger. I would let these set up until bone dry, to put them into a piece I would poke a "pilot" hole with my need tool and then stick it in. The direction of the needle tool hole dictates how the spike will sit on the surface.

Spores: I would start out with breaking up a small amount of clay into various balls, using the shape of the ball I would roll an uneven coil so that one end would be pointed and narrow the other bulbous like. Taking a wooden pointed tool I would stick it in the large end and slightly press the outside edges to make them thin. I would also let these set up to bone dry and taking a different wooden tool with a larger pointed end than the needle tool would make pilot holes and stick them in, I applied underglaze after they were bisqued.

I tested about 30 different glazes in the reduction kiln and found six that I were stable, had good qualities and different affects depending on the application.



Frosty Matt Green Glaze

Lithium Carbonate	5
Whiting	30
Barium Carbonate	35
<u>China Clay</u>	<u>30</u>
Copper Oxide	1%

Rusty Red-Brown

Feldspar	50
Whiting	20
Zinc Oxide	4
China Clay	11
<u>Flint</u>	<u>15</u>
R.I.O.	10%



Streaky Green

Feldspar	35
Cornish Stone	16
Zinc Oxide	5
Whiting	25
<u>Grolleg</u>	<u>19</u>
Rutile	4%
Copper Carbonate	1.5%
Zirconium Silicate	9%
Ilmenite	2%

Brown Yellow

Feldspar	40
Cornish Stone	13
Whiting	23
Zinc Oxide	7
Ball Clay	10
<u>China Clay</u>	<u>7</u>
Black Iron Oxide	5%



Dark Honey

Nepheline Sy	15
Whiting	10
Lithium Carb	5
Red Clay	35
<u>Flint</u>	<u>35</u>
R.I.O.	2%

Dark Purple

Feldspar	38
Dolomite	10
Calcium Borate Frit	7
Talc	20
Barium Carb	8
Flint	15
Cobalt Oxide	2

	<u>Title</u>	<u>Media</u>	<u>Original Format</u>
Figure 1:	Untitled	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements, 30"x60" and 14"x18"
Figure 2:	Emergence	Sculpture	cone six gas reduction fired stoneware, coil built, measurements from left to right: 4"x5"x32", 4"x4"x28", 3"x4"x30", 5"x5"x31", 4"x4"x26"
Figure 3:	Emergence (detail)	Sculpture	cone six gas reduction fired stoneware
Figure 4:	Emergence (detail)	Sculpture	cone six gas reduction fired stoneware
Figure 5:	Dissection	Sculpture	cone 6 gas reduction fired stoneware, coil built, 16"x30"
Figure 6:	Dissection (detail)	Sculpture	cone 6 gas reduction fired stoneware, coil built, 16"x30"
Figure 7:	Dissection (detail of layers)	Sculpture	cone 6 gas reduction fired stoneware, coil built, 16"x30"
Figure 8:	Growth (collective name)	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements, 30"x60" and 14"x18"
Figure 9:	Growth	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements, 14"x18" table, small piece 3"x5"x3", blue piece 8"x8"x8"
Figure 10:	Growth (detail of spikes)	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements
Figure 11:	Growth	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements, 30"x60"
Figure 12:	Growth	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements, 30"x60" table, measurements left to right: 4"x8"x4", 6"x10"x4", 6"x14"x9"
Figure 13:	Growth (detail)	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements
Figure 14:	Growth (detail)	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements
Figure 15:	Growth (detail)	Sculpture	cone six gas reduction fired stoneware, coil built with hand built elements



Figure 1: Untitled.



Figure 2: Emergence.



Figure 3: Emergence (detail).



Figure 4: Emergence (detail).



Figure 5: Dissection.



Figure 6: Dissection (detail).

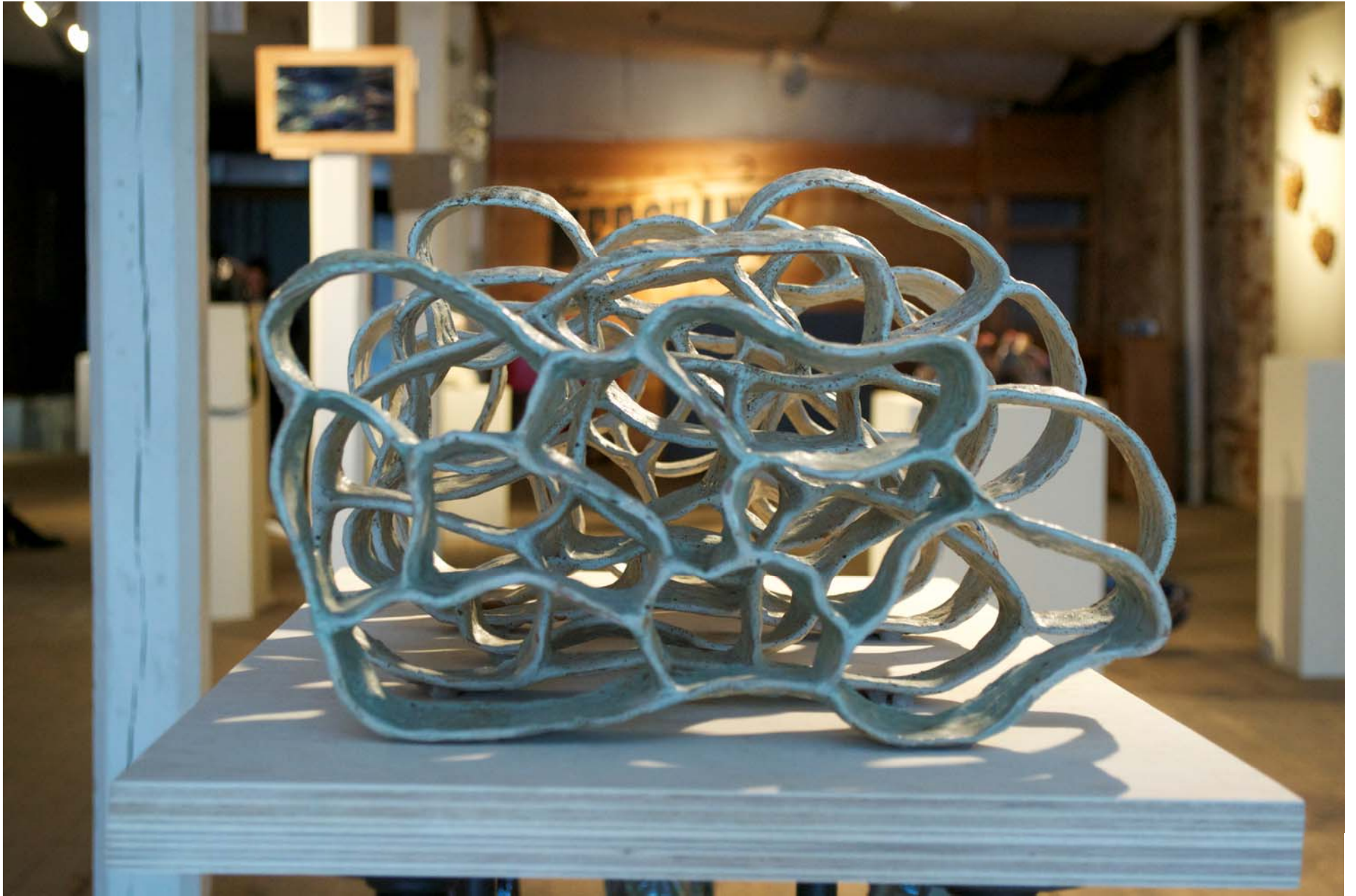


Figure 7: Dissection (detail of layers).



Figure 8: Growth (collective name).



Figure 9: Growth.



Figure 10: Growth (detail of spikes).



Figure 11: Growth.



Figure 12: Growth.



Figure 13: Growth (detail).



Figure 14: Growth (detail).



Figure 15: Growth (detail).